



Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
required to respond to a collection of information unless it displays a valid OMB  
control number.

Under

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

218  
218  
RECEIVED  
SEP 11 2002  
TECH CENTER 1600/1900

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	CLASS	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code² (if known)				SUP CLASS
		US-5,011,909	04-30-1991	Borovsky et al.	530	328
		US-5,130,253	07-14-1992	Borovsky et al.	435	320,1
		US-5,767,378	06-16-1998	Bojsen et al.	800	278
		US-4,857,467	08-15-1989	Sreekrishna et al.	435	255,1
		US-5,254,801	10-19-1993	Dotson et al.	800	278
		US-5,223,419	06-29-1993	Katagiri et al.	800	278
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

RECEIVED

SEP 11 2002

TECH CENTER 1600

[illegible]

Examiner Signature		Date Considered	5/15/03
-----------------------	---	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08B (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
				Application Number	09/802,208
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Filing Date	3/8/2001
				First Named Inventor	Parrott et al.
				Group Art Unit	1646
				Examiner Name	Unknown
				Attorney Docket Number	UGA-8558
Sheet	2	of	2		

RECEIVED

SEP 11 2002

TECH CENTER 600/2900

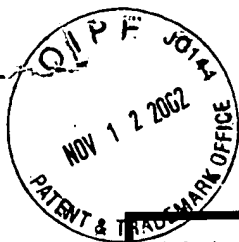
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AM	✓	BARTKUS, J.M. et al., <i>Construction of an Improved D-Arabinose Pathway in Escherichia Coli K-12</i> , Journal of Bacteriology, Washington, D.C. 165:3, 704-709, 1986.	
	✓	BRUNKER, P. et al., <i>Structure and function of the genes involved in mannitol, arabinol, and glucitol utilization from Pseudomonas fluorescens DSM50106</i> Gene 117-126 (1998).	
	✓	HEUEL H, SHAKERI-GARAKANI A, TURGUT S, LENGELER JW, <i>Genes for D-arabinol and ribitol catabolism from Klebsiella pneumoniae</i> . Microbiology 144:1631-1639 (1998).	
	✓	HEUEL H, TURGUT S, SCHMID K, LENGELER JW, <i>Substrate recognition domains as revealed by active hybrids between the D-arabinol and ribitol transporters from Klebsiella pneumoniae</i> . J Bacteriol 179:6014-6019 (1997).	
	✓	LAFAYETTE, P.F. & PARROTT, W.A., <i>A non-antibiotic marker for amplification of plant transformation vectors in E. coli</i> . Plant Cell Reports, 20:338-342, 2001.	
	✓	LINK, C.D. et al., <i>Genotypic Exclusion: A Novel Relationship Between the Ribitol-Arabinol and Galactitol Genes of E. Coli</i> , Molecular and General Genetics, Springer Verlag, Berlin DE, 189:337-339, 1983.	
	✓	LINK, C.D. et al., <i>Inverted Repeats Surround the Ribitol-Arabinol Genes of E. Coli C</i> , Nature, 298, 94-96, 1982.	
	✓	LOVINY T. et al., <i>Ribitol Dehydrogenase of Klebsiella-Aerogenes Sequence of the Structural Gene</i> Biochem J. 230,579-585 (1985).	
	✓	POSTMA, P.W. et al., <i>Phosphoenolpyruvate: Carbohyssrate Phosphotransferase Systems of Bacteria</i> , Microbiological Reviews, American Society for Microbiology, Washington, D.C. 57:3, 543-594 1993.	
	✓	REINER AM, <i>Genes for ribitol and D-arabinol catabolism in Escherichia coli: their loci in C strains and absence in K-12 and B strains</i> . J Bacteriol 123:530-536 (1975).	
	✓	SCANGOS, G. A. et al., <i>Ribitol and D-Arabinol Catabolism in Escherichia Coli</i> , Journal of Bacteriology Washington, D.C. 134:2, 492-500 1978.	
	✓	TRIMBUR, D.E. et al., <i>Isolation and Characterization of Escherichia Coli Mutants Able to Utilize the Novel Pentose L-Ribose</i> , Journal of Bacteriology, Washington, D.C., 173:8, 2459-2464 1991.	
	✓	WONG, B. et al., <i>D-Arabinol Metabolism in Candida Albicans: Studies of the Biosynthetic Pathway and the Gene that Encodes NAD Dependent D-Arabinol Dehydrogenase</i> , Journal of Bacteriology, Washington, D.C. 175:19, 6314-6320 1993.	
AM	✓	STEWART, NEAL C. et al., <i>Genetic Transformation, Recovery and Characterization of Fertile Soybean Transgenic for a Synthetic Bacillus thurnigensis cryIIAc Gene</i> , Plant Physiol 112: 121-129, 1996.	

Examiner Signature		Date Considered	5/15/03
--------------------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



#14

2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	09/802,208		
		Filing Date	3/8/2001		
		First Named Inventor	Parrott		
		Group Art Unit	1646		
		Examiner Name	Unknown		
Sheet	1	of	2	Attorney Docket Number	UGA-855R

TECH CENTER 1600/2900

NOV 13 2002

RECEIVED

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Am	✓	ATSCHUL, S. F. et al., <i>Basic Local Alignment Search Tool</i> , J. Mol. Biol. 215:403-410 (1990).
	✓	BACHMANN B.J., <i>Pedigrees of Some Mutant Strains of Escherichia coli K-12</i> . Bacteriol Rev 36:525-557 (1972).
	✓	BAILEY et al., <i>Genotype Effects on Proliferative Embryogenesis and Plant Regeneration of Soybean</i> , In Vitro-Plant. 29P:102-108 (July 1993).
	✓	HALDRUP, A., PETERSEN, S. & OKKELS, F. <i>Positive selection: A plant selection principle based on xylose isomerase, an enzyme used in the food industry</i> . Plant Cell Rep. 18, 76-81. (1998).
	✓	KANABUS, J., BRESSAN, R. & CARPITA, N. <i>Carbon assimilation in carrot cells in liquid culture</i> . Physiol. Plant. 82, 363-368 (1986).
	✓	KLEIN TM, WOLF ED, WU R, SANFORD JC <i>High-velocity microprojectiles for delivering nucleic acids into living cells</i> . Nature 327:70-73 (May 1987).
	✓	LINN, E. <i>An inducible D-arabitol dehydrogenase from Aerobacter aerogenes</i> . J. Biol. Chem. 236, 31-36 (January 1961).
	✓	ODELL et al., <i>Identification of DNA sequences required for activity of the cauliflower mosaic virus 35S promoter</i> . Nature 313:810-812 (February 1985)
	✓	TARTOF, K.D., C.A.HOBBS, <i>Improved media for growing plasmid and cosmid clones</i> . Focus 9:12-16 (1987).
	✓	WIMAN M, BERTANI G, KELLY B, SASAKI I <i>Genetic map of Escherichia coli strain C</i> . Mol Gen Genet 107:1-31 (1970).
	✓	ZHENG Z, HAYASHIMOTO A, LI Z, MURAI N, <i>Hygromycin resistance gene cassettes for vector construction and selection of transformed rice protoplasts</i> . Plant Physiol 97:832-835 (1991).

Examiner Signature		Date Considered	5/15/03
-----------------------	--	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		<b>Application Number</b>	09/802,208
		<b>Filing Date</b>	3/8/2001
		<b>First Named Inventor</b>	Parrott
		<b>Group Art Unit</b>	1646
		<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	UGA-855R		
<b>Sheet</b>	2	<b>of</b>	2

<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>			
<b>Examiner Initials*</b>	<b>Cite No.<sup>1</sup></b>	<b>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.</b>	<b>T<sup>2</sup></b>
Am	✓	BAILEY et al., <i>Genotype-specific optimization of plant regeneration from somatic embryos of soybean</i> , Plant Science 93:117-120 (1993).	
	✓	CHRISTOU et al., <i>Stable Transformation of Soybean Callus by DNA-Coated Gold Particles</i> , Plant Physiology 87:671-674 (1988).	
	✓	SAMOYLOV et al., <i>Soybean [Glycine Max (L.) Merrill] Embryogenic Cultures: The role of Sucrose and Total Nitrogen Content on Proliferation</i> . In Vitro Cell Dev.Biol.- Plant 34:8-13 (March 1998).	
	✓	SAMOYLOV et al., <i>A liquid-medium-based protocol for rapid regeneration from embryogenic soybean cultures</i> . Plant Cell Rep 18:49-54 (1998).	
Am	✓	VIOLA, R. <i>Hexose metabolism in discs excised from developing potato (Solanum tuberosum L.) tubers. II. Estimations of fluxes in vivo and evidence that fructokinase catalyses a near rate-limiting reaction</i> . Planta 198, 186-196. (1996).	

<b>Examiner Signature</b>		<b>Date Considered</b>	5/15/03
-------------------------------	--	----------------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

NOV 13 2002

RECEIVED